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Mini Cassette

RQ-L340

Mini Cassette Recorder

(K)..... Black Type

Area





SPECIFICATIONS

Power Requirement: Battery; 3V (two "AA" size, R6/LR6

batteries)

AC; with optional Panasonic

AC adaptor RP-AC31

Motor:

Electric governor motor 400mW (R.M.S. max)

Frequency Response: 180~6,000Hz (Normal)

Recording System: AC bias, Magnet erase

Tape Speed:

Power Output:

4.8cm/s

Monitor System:

Program Time:

Speaker:

Weight:

Dimensions: "

Track System:

Jack; Input:

Output:

1 hour with C-60 cassette tape

DC IN; 3V (♦-G-→)

MIC; 0.25mV (150-600 Ω)

MONITOR; 8 Ω , φ3.5

4.5cm PM dynamic speaker(8 ♀)

 $115.3(W) \times 88(H) \times 35(D)$ mm

218g without batteries

2-track monaural recording and

playback

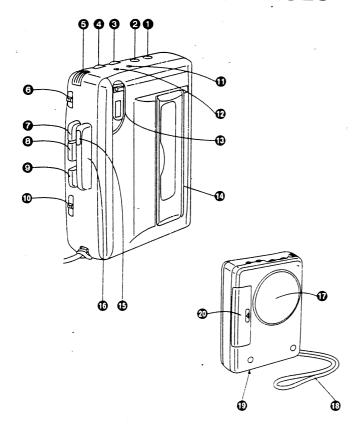
Variable

Notes:

- 1. Weights and dimensions shown are approximate.
- 2. Design and specifications are subject to change without notice

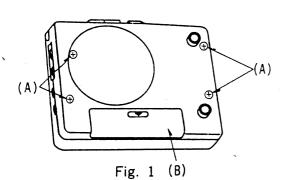
Panason

■ LOCATION OF CONTROLS



- 1 Monitor jack [MONITOR (8Ω)]
- **2** Microphone jack (MIC) 0.25mV, $200\sim600$ Ω
- 3 Volume/VAS level control (VOLUME/VAS LEVEL)
- 4 Tape speed control (TAPE SPEED)
- 6 Built-in microphone (MIC)
- 6 Tone/sound level equalizer switch (TONE/SLE)
- Rewind/review button (REW/REV)
- 3 Fast forward/cue button (FF/CUE)
- Stop button (STOP)
- VAS/pause switch (VAS /PAUSE)
- Recording/battery check indicator (REC/BATT)
- 2 Sound level equalizer indicator (SLE)
- 13 Tape counter and reset button (COUNTER)
- 12 Cassette compartment cover
- 13 Record button (REC)
- (6) Playback button (PLAY)
- **T** Speaker (4.5 cm, 8Ω)
- (B) Hand strap
- ◆ DC input jack (DC IN 3 V ◆ → →) [Bottom]
- Battery compartment cover

■ DISASSEMBLY INSTRUCTIONS



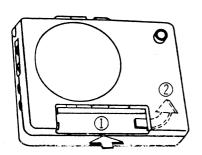
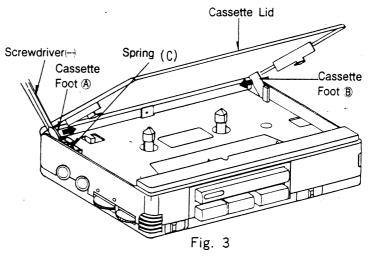


Fig. 2

● Removal of the Rear Cabinet

- 1. Remove the screws (A) (2×10) mm $\times4$
- 2. Open the battery cover (B)×1
- 3. Remove the rear cabint in the direction of arrow() &(2)

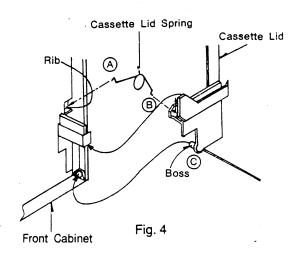


◆ How to Removal of the Cassette Lid

Note: Be careful not to break cassette foots (§) and (§) when removing the cassette lid.

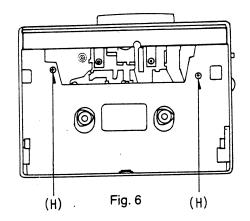
- 1. Open the cassette lid.
- 2. With a screwdriver, push cassette foot (A) to the right as shown in Fig. 3, and then pull out the right side of the cassette lid.
- 3. Push cassette foot ® to the left and then pull out the cassette lid.
- 4. Remove the spring. (C)×1.

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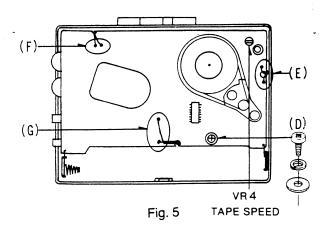
●How to Replace the Cassette Lid Spring

Fit Part (A) on the rib of the front cabinet.
 Insert part (B) in the hole in the cassette lid.
 Fit the boss (C) in the front cabinet.



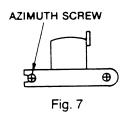
● Removal of the Front Cabinet and Mechanism (Fig. 6).

1. Remove the deck screws (H) (2×6) mm $\times 2$.



• Removal of the Circuit Board (Fig. 5)

- 1. Remove the chassis screw (D) (2×16)mm×1.
- 2. Remove the solder (E), (F), (G) from flexible PCB.



■ MEASUREMENT AND ADJUSTMENTS

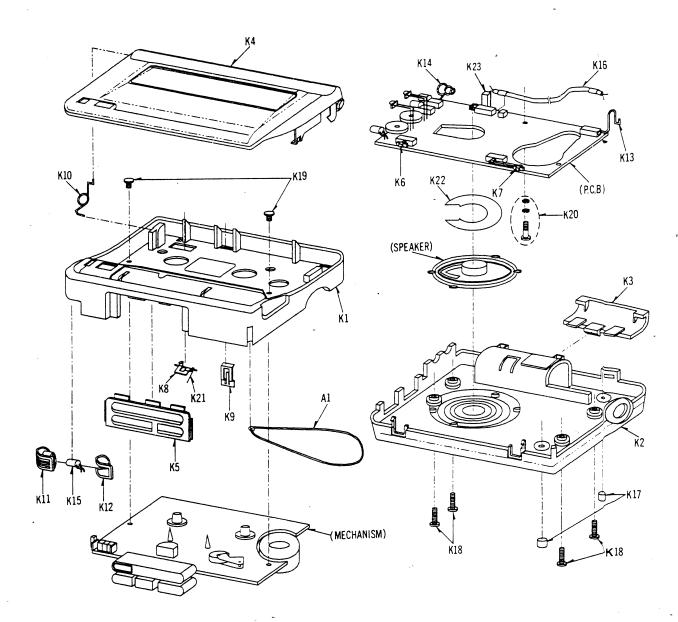
• ALGNMENT INSTRUCTION

	READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT			
v	 Set volume control to maximum. Set power source voltage to 3V DC. Set TONE/SLE switch to OFF. 	4. Set tape speed VR center point.5. Make sure head are clean.6. Make sure capstan and pinch roller are clean.		

• MEASUREMENT AND ADJUSTMENTS

MICASUNCA	WIEAGONEMENT AND ADDOCTIMENTS							
ITEM	INPUT	MEASUREMENT POINT	SPECIFICATION	ADJUSTMENT POINT	REMARKS			
Head azimuth	QZZCSX (6.3kHz,-10dB)	Monitor jack (8 Ω)	Maximum output	Head adjustment screw (See Fig. 7)	For tape playback			
Tape speed	QZZCWAT (3kHz,-10dB)	Monitor jack (8 Ω)	3000 ± 50Hz	VR4 (Tape speed adjust- ment VR) (see Fig. 5)	For tape speed adjustment: (1)Play back test tape. (2)Adjust VR4 until a counter reading within the specified tolerances is obtained.			

■CABINET PARTS LOCATION



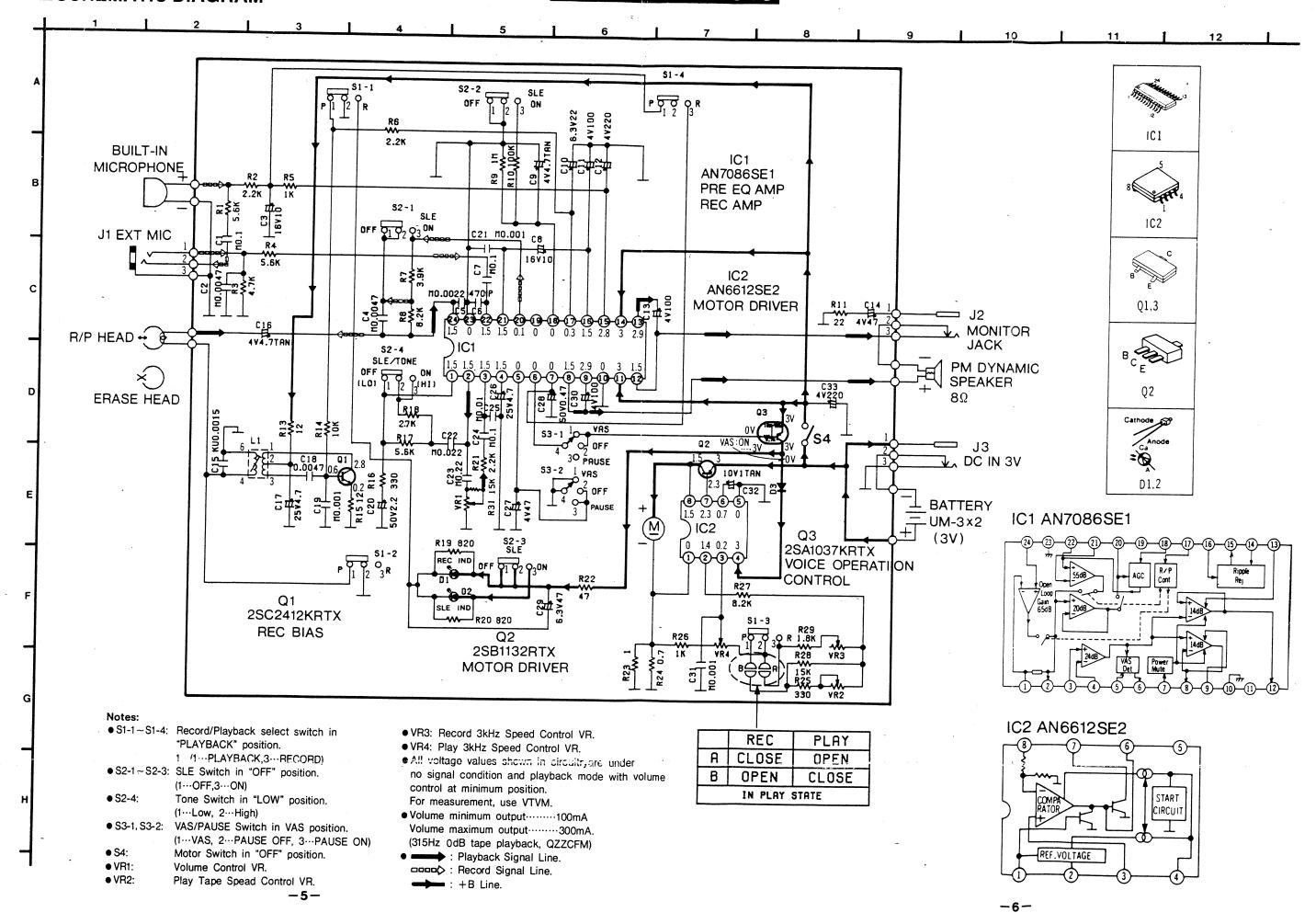
■ REPLACEMENT PARTS LIST

Indicates parts that are supplied by TAMACO.

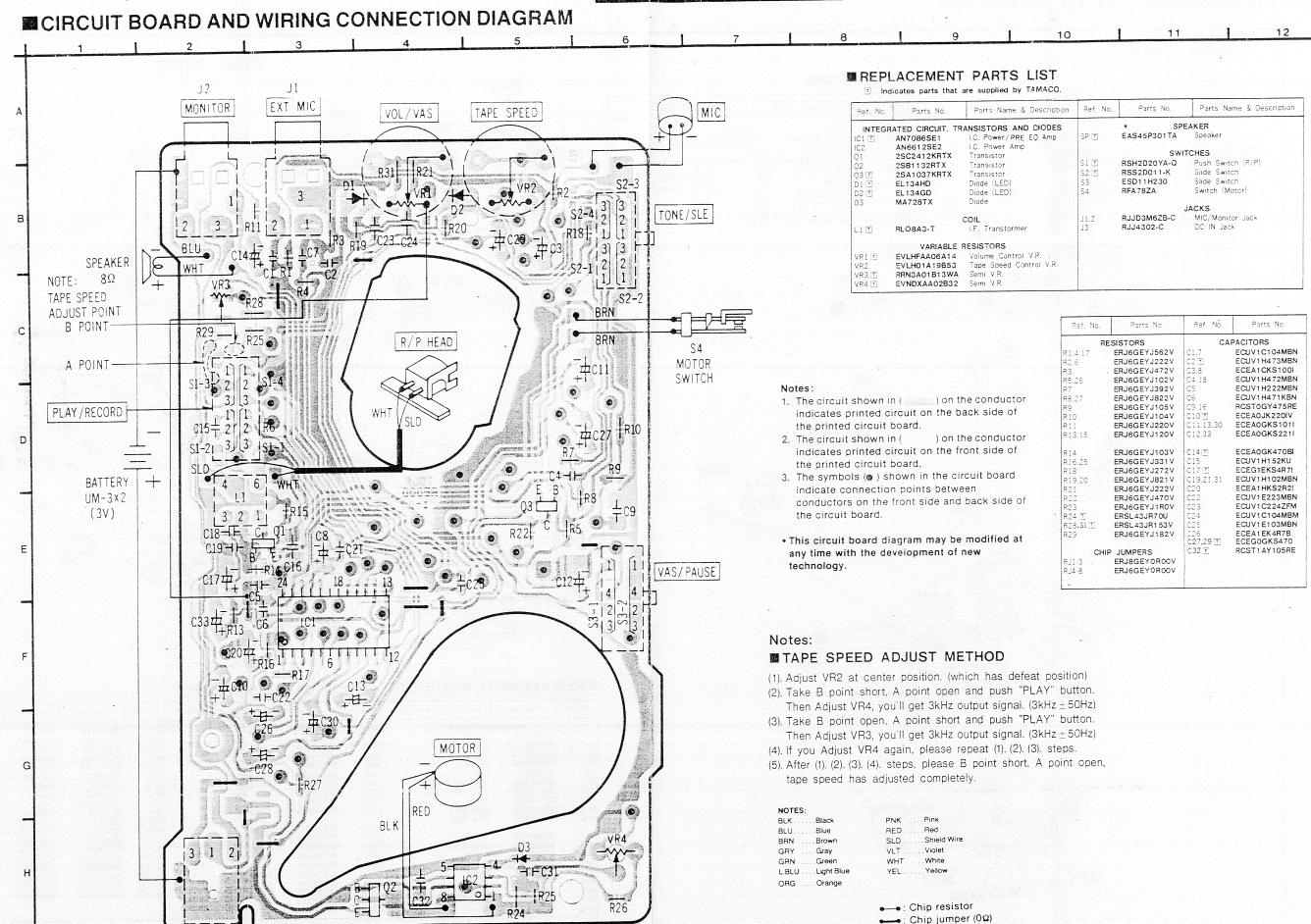
Ref. No.	Parts No.	Parts Name & Description	Ref. No.	Parts No.	Parts Name & Description
	CABINET	PARTS	K17 □	RHG250TZA	Gum (LEG)
K1 🗹	RFKKQL340PAK	Front Cabinet Ass'v	K18	XTNR2+10CFZ	Screw
K2 🗇	RKF275TYA	Rear Cabinet	K19 🗉	XTN17+4.5FFK	Screw
K3 🗉	RKK236TZA	Battery Cover	K20 🖸	XYC2+JF16FN	Screw (P.W.B. & Earth)
K4 🛈	RFKLQL340EAK	Cassette Cover Ass'y	K21 🗉	RUS271TZA	Safety Lever Spring
K5 🗖	RKE213TZA	Sky Cabinet	K22 🗉	RMX231TZA	PVC Sheet
K6 🗇	RBD267TZA	TON/SLE Knob .	K23 🗉	RHG245TZA	GUM
K7 🗖	RBD268TZA	VAS/PAUSE Knob	1		
K8 🗊	RHE206TZA	Safety Lever (REC)	ACCESSORY		
K9 🗇	RUS270TZA	Tape Spring	A1 🗇	RKH91ZA0	Handle Strap
K 10 🗹	RUS269TZA	Cassette Cover Spring	A2 T	RQTT0003-E	Instruction Manual
K11 🗹	RGX297TZA	MIC Ornament	PACKING MATERIALS		MATERIALS
K 12 🗊	RHG249TZA	MIC Gum (BIG)	P1 🗹	RPNT0003	Blister Front
K13 🗹	RJC305TZA	Battery Terminal (+)	P2 🗉	RPNT0004	Blister Rear
K 14 🗊	RJC306TZA	Battery Terminal ()	P3 🗇	RPKT0003	Decoration Box
K 15 🗹	ZP01L340P	MIC ASS'Y	P4 🗹	RPFT0001	Polyethylene Cover
K16 🗹	ZD01L340P	Head Wire Ass'y	1		

SCHEMATIC DIAGRAM

RQ-L340 RQ-L340



RQ-L340 RQ-L340



J3 DC IN

RQ-L340 RQ-L340

■ MECHANISM PARTS LOCATION Front View Rear View **SPECIFICATIONS** M62 M22 Pressure of pressure roller $160 \pm 40g$ M26 M23 Takeup torque M48 ullet Play: 36 \pm 14g-cm ullet FF/REW: 110 \pm 50g-cm *Use cassette torque M33 meter...QZZ2RKCT M24 Wow and flutter: (JIS) Less than 0.25% (WRMS) *Use test tape ·····QZZCWAT Mechanism Operation: Auto Stop M33 M64 M57 (9 M8-MI6 M34 M39 M7 M38 M53 8 M56 ■ REPLACEMENT PARTS LIST I Indicates parts that are supplied by TAMACO. (MI) Part Name & Description Part No. Part Name & Description Part No. Part Name & Description MECHANISM PARTS RFS697ZA RFR43ZA RFN202ZA RFY1038ZA M27 M28 M31 M32 M33 M34 M35 M36 M37 Spring Pinch Roller Ass'y M53 M54 T M55 T M56 M57 T M60 M61 M62 M63 M64 M68 T M69 M70 M71 RFU185ZA Chassis Ass'y AS Lever Spring Gear Bush RFS692ZA RFG140ZA Spring Reel Gear RFG101ZA RFG102ZA Center Gear FF Gear RFS948ZA RFX154ZA RFE304Z RFG103ZA RFY777ZA RFY959ZA RFS693ZA RFJ88ZA RFM113ZA RFD320ZA Motor Ass'y Motor Bracket Play Gear Rec Arm RFI48ZA RFE366ZA RFD318ZA Play Gear Plate Ass'y RFY775ZA Stop Lever Gear Lever Assy Screw RFS694ZA RFU116ZA Spring Head Base RFS698ZA RFS699ZA XQN16+CF3 RFF50ZA Flywheel RFC5ZA RFD321ZA RFD319ZA M39 M40 M41 M42 M43 M44 M45 M46 M47 M48 T RFS700ZA Spring F. R Lever Counter Bracket RFY779ZA RFY958ZA RFY960ZA RFS784ZA RFY782ZA RFY783ZA RFB81ZA RFB82ZA RFS695ZA Spring Head Guide M18 M19 M20 T M21 M22 M23 M24 M26 RFE362ZA RFS696ZA Switch Lever RBC329TZA RBC333TZA RBC330TZA RBC331TZA Button, Play Button, REC RFS696ZA Spring RJH0C03MZAB R/P Head Lock Lever Spring REW Lever M73 M74 M75 M76 RFE363ZA Screw Screw Button, REW Button, FF RFE363ZA RFE364ZA RFY776ZA RFH17ZA XQN2+10F FF Lever Lever Guide M75 ☑ M76 ☑ Rec Lever Earse Head Ass'y RFE367ZA RBC332TZA RFS702ZA RFG165ZA Spring Friction Gear Ass'y